

Claims

1. Disposable hygiene article, comprising an absorbing element component (12) for storing body liquids, which may also contain superabsorbent materials, wherein the absorbing element component (12) comprises a first area (18, 20) with a mass per unit area of an absorbent material of this absorbing element component (12) that increases in the transverse direction (16) of the hygiene article towards the side edges, wherein the storage capacity of a section (44) extending in the longitudinal direction (14) over 20 to 100 % of the length of the absorbing element component (12) is substantially constant as viewed in the longitudinal direction (14).
2. Hygiene article according to claim 1, characterized in that the section (44) of constant storage capacity extends over 30 to 90%, in particular 40 to 70 %, and preferentially 45 to 60 % of the length of the absorbing element component (12).
3. Hygiene article according to claim 1 or 2, characterized in that the absorbing element component (12) also comprises a second area (32) with a mass per unit area of an absorbent material of the absorbing element component (12), which increases from the rear (22) and/or front area (24) of the hygiene article towards the crotch area (26).
4. Hygiene article according to any one or more of the preceding claims, characterized in that the first area (18, 20) of increasing mass per unit area of an absorbent material of the absorbing element component (12) increases in the transverse direction (16) by 30 to 200 %, in particular 30 to 150 %, preferentially 50 to 120 %.

5. Hygiene article according to any one or more of the preceding claims, characterized in that the second area (32) of increasing mass per unit area of an absorbent material of the absorbing element component (12) has a mass per unit area increase in the longitudinal direction (14) of 50 to 500 %, in particular 50 to 400 %, preferentially 100 to 350 %.
6. Hygiene article according to any one or more of the preceding claims, characterized in that the maximum mass per unit area of the second area (32) of increasing mass per unit area is larger than the maximum mass per unit area of the first area (18, 20) of increasing mass per unit area.
7. Hygiene article according to any one or more of the preceding claims, characterized in that the first area of increasing mass per unit area is separated from a center of the crotch area of the hygiene article.
8. Hygiene article according to claim 7, characterized in that two first areas (18, 20) are provided which are separated from the center of the crotch area of the hygiene article.
9. Hygiene article according to any one or more of the preceding claims, characterized in that the first area (18, 20) or a line of maximum mass per unit area of the first area (18, 20) extends in the longitudinal direction on both sides of the hygiene article over at least 15 % of the length of the absorbing element component (12).
10. Hygiene article according to claim 9, characterized in that the first area (18, 20) or a line of maximum mass per unit area of the first

area (18, 20) extends in the longitudinal direction on both sides along side edge areas of the hygiene article.

11. Hygiene article according to any one or more of the preceding claims, characterized in that a first area (18, 20) of increasing mass per unit area in a transverse direction (16) and a second area (32) of increasing mass per unit area in a longitudinal direction (14) are disposed in direct abutment to or overlapping each other.
12. Hygiene article according to any one or more of the preceding claims, characterized in that the width of the absorbing element component (12) starting from the rear (22) and/or front area (24) of the hygiene article is reduced towards the crotch area (28).
13. Hygiene article according to any one or more of the preceding claims, characterized in that the absorbing element component (12) is compressed to a substantially uniform thickness.
14. Hygiene article according to any one or more of the preceding claims, characterized in that the areas of increasing mass per unit area also form areas of increasing density.
15. Hygiene article according to any one or more of the preceding claims, characterized in that the absorbing element component comprises at least two absorbing element layers.
16. Hygiene article according to claim 15, characterized in that one of the absorbing element components has a substantially uniform mass per unit area.

17. Hygiene article according to any one or more of the preceding claims, characterized in that the absorbing element component has an absorbing element layer (40) comprising cross-linked cellulose fibers.
18. Hygiene article according to any one or more of the preceding claims, characterized in that the hygiene article has cuff elements (58) extending substantially in a longitudinal direction (14) and standing up at least in certain areas, which form lateral outlet barriers, and are fixed at least along a cuff bottom line (62) on the side of the article facing the body.
19. Hygiene article according to claim 18, characterized in that the cuff elements (58) are guided at varying separations between the cuff bottom lines (62).
20. Hygiene article according to claim 18 or 19, characterized in that the first area (18, 20) of larger mass per unit area comprises at least one partial area, where the mutual separation (66) between the cuff bottom lines (62) is larger than outside of this partial area.
21. Hygiene article according to claim 20, characterized in that this partial area is disposed outside of a central longitudinal section of the hygiene article and at a separation from a center of the crotch area (26) of the hygiene article.
22. Hygiene article according to claims 18, 19, 20 or 21, characterized in that the cuff elements (58) are guided such that the cuff bottom lines (62) are disposed at a maximum separation (66) from each other in the longitudinal direction (14).

23. Hygiene article according to claim 22, characterized in that the maximum is entirely within a partial area of the area (18, 20) of larger mass per unit area.
24. Hygiene article according to claim 22 or 23, characterized in that the maximum or maxima of the separation (66) between the cuff bottom lines (62) is/are disposed in a front area (24) and/or rear area (22) of the hygiene article.
25. Hygiene article according to any one or more of the preceding claims, characterized in that the absorbing element component (12) comprises a mixture of fibers and particulate superabsorbent materials.